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DATE MAILED: 05/31/2006

APPLICATION NO.	FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO. CONFIRMATI	
10/786,994 02/25/2004		Richard P. Schubert	A0312.70523US00	4477
23628	7590 05/31/2006	EXAMINER		
	ENFIELD & SACKS, F	SONG, JASMINE		
	ESERVE PLAZA IC AVENUE		ART UNIT	PAPER NUMBER
BOSTON, MA 02210-2206			2188	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application	on No.	Applicant(s)				
Office Action Summary		10/786,99)4	SCHUBERT ET AL.				
		Examiner		Art Unit				
		Jasmine S		2188				
Period fo	The MAILING DATE of this communication ap or Reply	ppears on the	cover sheet with the c	orrespondence ad	ddress			
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REP CHEVER IS LONGER, FROM THE MAILING I nsions of time may be available under the provisions of 37 CFR 1 SIX (6) MONTHS from the mailing date of this communication of period for reply is specified above, the maximum statutory period re to reply within the set or extended period for reply will, by staturely received by the Office later than three months after the mailined patent term adjustment. See 37 CFR 1.704(b).	DATE OF TH 1.136(a). In no evo d will apply and wi ute, cause the app	IIS COMMUNICATION ent, however, may a reply be tim Il expire SIX (6) MONTHS from lication to become ABANDONE	N. nely filed the mailing date of this o D (35 U.S.C. § 133).				
Status								
1) ズ	Responsive to communication(s) filed on 25	February 20	04.					
-	This action is FINAL . 2b) This action is non-final.							
/	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is							
٥/۵	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disnositi		an pario da	ay,o, 1000 0.2. 1., 10					
•	lisposition of Claims							
-	Claim(s) <u>1-36</u> is/are pending in the application.							
	4a) Of the above claim(s) is/are withdrawn from consideration.							
·	Claim(s) is/are allowed.							
	Claim(s) is/are rejected.							
·	Claim(s) is/are objected to.							
8)区	Claim(s) <u>1-36</u> are subject to restriction and/or	r election rec	Juirement.					
Applicati	on Papers							
9)[The specification is objected to by the Examir	ner.						
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.								
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority ι	ınder 35 U.S.C. § 119							
-	12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:							
	1. Certified copies of the priority documents have been received.							
	2. Certified copies of the priority documents have been received in Application No							
	3. Copies of the certified copies of the priority documents have been received in this National Stage							
	application from the International Burea	· ·	` ''					
* S	see the attached detailed Office action for a lis	st of the certi	fied copies not receive	d.				
Attachmen	' '							
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date								
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date Notice of Informal Patent Application (PTO-152)								
Paper No(s)/Mail Date 6) Other:								

Page 2

Application/Control Number: 10/786,994

Art Unit: 2188

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - Group I. Claims 1-13 and 30-36, drawn to a digital signal processor comprising a memory controller configured to enable the excess capacity of the write buffer and inhibit write access to the excess capacity of the write buffer based on a high priority tack is being serviced or not being serviced, classified in class 711, subclass 163.
 - Group II. Claims 14-29, drawn to a digital signal processor comprising a memory controller configured to steer read data to the fill buffers based on priority of the fill operation, classified in class 711, subclass 158.
- 2. The inventions are distinct, each from the other because of the following reasons:

 Inventions Group I and Group II are related as subcombinations disclosed as

 usable together in a single combination. The subcombinations are distinct from each

 other if they are shown to be separately usable. In the instant case, each of the

 invention in Group I and II has separate utility because the invention of group I has the

 utility for a digital signal processor comprising a memory controller configured to enable

 the excess capacity of the write buffer and inhibit write access to the excess capacity of
 the write buffer based on a high priority tack is being serviced or not being serviced, the
 invention of group II has the utility for a digital signal processor comprising a memory

Page 3

Art Unit: 2188

controller configured to steer read data to the fill buffers based on priority of the fill operation. See MPEP § 806.05(d).

- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification and recognized divergent subject matter, and because the divergent searches required for the different groups, restriction for examination purposes as indicated is proper.
- 4. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
- 5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(h).
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jasmine Song whose telephone number is 571-272-4213. The examiner can normally be reached on 7:30-5:30 (first Friday off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mano Padmanabhan can be reached on 571-272-4210. The fax phone

Page 4 Application/Control Number: 10/786,994

Art Unit: 2188

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jasmine Song / While For Y

May 30, 2006